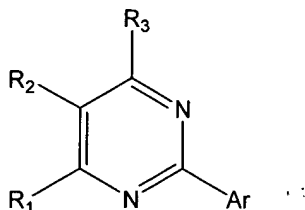


### AMENDMENTS TO THE CLAIMS

1. (Previously Presented) A compound of the formula:



or a pharmaceutically acceptable salt thereof, wherein:

Ar is phenyl, 1- or 2-naphthyl, each of which is mono-, di-, or tri-substituted;

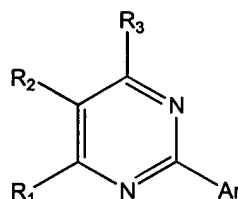
R<sub>1</sub> is chosen from hydrogen, halogen, cyano, nitro, alkyl, alkenyl, alkoxy, (cycloalkyl)alkyl, alkylthio, alkylsulfinyl, alkylsulfonyl, or mono- or dialkylcarboxamide each of which is optionally substituted with 0-3 substituents independently selected from Halogen, cyano, hydroxyl, amino, nitro, C<sub>1-6</sub>alkyl, C<sub>2-6</sub>alkenyl, C<sub>1-6</sub>alkoxy, C<sub>1-6</sub>alkanoyl, C<sub>1-6</sub>aminoalkyl, carboxamido, and benzyl;

R<sub>3</sub> is chosen from hydrogen, cyano, nitro, alkyl, alkenyl, alkoxy, (cycloalkyl)alkyl, alkylthio, alkylsulfinyl, alkylsulfonyl, or mono- or dialkylcarboxamide, each of which is optionally substituted with 0-3 substituents independently selected from Halogen, cyano, hydroxyl, amino, nitro, C<sub>1-6</sub>alkyl, C<sub>2-6</sub>alkenyl, C<sub>1-6</sub>alkoxy, C<sub>1-6</sub>alkanoyl, C<sub>1-6</sub>aminoalkyl, carboxamido, and benzyl, with the proviso that R<sub>1</sub> and R<sub>3</sub> are not both hydrogen; and

R<sub>2</sub> is alkenyl, alkynyl, aminoalkyl, mono or dialkylamino, alkylthio, alkylsulfinyl, alkylsulfonyl, or mono or dialkylcarboxamide each of which is optionally substituted with 0-3 substituents independently selected from Halogen, cyano, hydroxyl, amino, nitro, C<sub>1-6</sub>alkyl, C<sub>2-6</sub>alkenyl, C<sub>2-6</sub>alkynyl, C<sub>1-6</sub>alkoxy, C<sub>1-6</sub>alkanoyl, C<sub>1-6</sub>aminoalkyl, carboxamido, and benzyl.

2. (Cancelled).

3. (Currently Amended) A compound of the formula



or a pharmaceutically acceptable salt thereof, wherein:

R<sub>1</sub> and R<sub>3</sub> are independently selected from hydrogen, cyano, C<sub>1-6</sub> alkyl, C<sub>2-6</sub>alkenyl, (C<sub>3-7</sub>cycloalkyl<sub>1</sub>)C<sub>1-4</sub>alkyl, (C<sub>3-7</sub>cycloalkyl<sub>1</sub>)C<sub>2-4</sub>alkenyl, -O(C<sub>3-7</sub>cycloalkyl<sub>1</sub>)C<sub>1-4</sub>alkyl, -O(C<sub>3-7</sub>cycloalkyl<sub>1</sub>)C<sub>2-4</sub>alkenyl, halo(C<sub>1-6</sub>)alkyl, haloC<sub>2-6</sub>alkenyl, -O(halo(C<sub>1-6</sub>)alkyl), -O(halo(C<sub>2-6</sub>)alkenyl), -O(C<sub>1-6</sub>alkyl), -O(C<sub>2-6</sub>alkenyl), S(O)<sub>n</sub>(C<sub>1-6</sub>alkyl), and S(O)<sub>n</sub>(C<sub>2-6</sub>alkenyl),

where each alkyl, or alkenyl is independently straight, branched, or cyclic, and is optionally substituted with one or more substituents independently chosen from halogen, hydroxy, oxo, cyano, C<sub>1-4</sub>alkoxy, amino, and mono- or di(C<sub>1-4</sub>)alkylamino,

and

where each C<sub>3-7</sub>cycloalkyl<sub>1</sub> is optionally substituted by one or more substituents independently chosen from halogen, hydroxy, oxo, cyano, C<sub>1-4</sub>alkoxy, amino, and mono- or di(C<sub>1-4</sub>)alkylamino,

with the proviso that not both R<sub>1</sub> and R<sub>3</sub> are hydrogen;

R<sub>2</sub> is selected from the group consisting of -OR<sub>A</sub>, -S(O)<sub>n</sub>R<sub>A</sub>, -NHR<sub>A</sub>, -NR<sub>A</sub>R<sub>B</sub>, -C(=O)NHR<sub>A</sub>, -C(=O)NR<sub>A</sub>R<sub>B</sub>, -S(O)<sub>n</sub>NHR<sub>A</sub>, -S(O)<sub>n</sub>NR<sub>A</sub>R<sub>B</sub>, -NHC(=O)R<sub>A</sub>, -NR<sub>B</sub>C(=O)R<sub>A</sub>, -NHS(O)<sub>n</sub>R<sub>A</sub>, -NR<sub>B</sub>S(O)<sub>n</sub>R<sub>A</sub>, and 3- to 7-membered carbocyclic groups which are saturated or partially unsaturated, which may be further substituted with one or more substituents independently selected from halogen, oxo, hydroxy, amino, cyano, C<sub>1-4</sub>alkyl, -O(C<sub>1-4</sub>alkyl), -NH(C<sub>1-4</sub>alkyl), -N(C<sub>1-4</sub>alkyl)(C<sub>1-4</sub>alkyl), and -S(O)<sub>n</sub>(alkyl);

Ar is selected from the group consisting of phenyl and naphthyl, each of which is mono-, di-, or tri-substituted with R<sub>C</sub>;

R<sub>A</sub> and R<sub>B</sub>, which may be the same or different, are independently selected at each occurrence from:

hydrogen, straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, (cycloalkyl)alkyl groups consisting of 4 to 11 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, or straight or branched alkynyl groups consisting of 2 to 8 carbon atoms, each of which may be further substituted with one or more substituent(s) independently selected from oxo, hydroxy, halogen, cyano, amino, C<sub>1-6</sub>alkoxy, -NH(C<sub>1-6</sub>alkyl), -N(C<sub>1-6</sub>alkyl)(C<sub>1-6</sub>alkyl), -NHC(=O)(C<sub>1-6</sub>alkyl), -N(C<sub>1-6</sub>alkyl)C(=O)(C<sub>1-6</sub>alkyl), -NHS(O)<sub>n</sub>(C<sub>1-6</sub>alkyl), -S(O)<sub>n</sub>(C<sub>1-6</sub>alkyl), -S(O)<sub>n</sub>NH(C<sub>1-6</sub>alkyl), -S(O)<sub>n</sub>N(C<sub>1-6</sub>alkyl)(C<sub>1-6</sub>alkyl), and 3- to 7-membered carbocyclic groups which are saturated, unsaturated, or aromatic, which may be further substituted with one or more substituents independently selected from halogen, oxo, hydroxy, amino, cyano, C<sub>1-4</sub>alkyl, -O(C<sub>1-4</sub>alkyl), -NH(C<sub>1-4</sub>alkyl), -N(C<sub>1-4</sub>alkyl)(C<sub>1-4</sub>alkyl), and -S(O)<sub>n</sub>(alkyl);

R<sub>C</sub> is independently selected at each occurrence from halogen, cyano, halo(C<sub>1-6</sub>)alkyl, halo(C<sub>1-6</sub>)alkoxy, hydroxy, amino, C<sub>1-6</sub>alkyl substituted with 0-2 R<sub>D</sub>, C<sub>2-6</sub> alkenyl substituted with 0-2 R<sub>D</sub>, C<sub>2-6</sub>alkynyl substituted with 0-2 R<sub>D</sub>, C<sub>3-7</sub>cycloalkyl substituted with 0-2 R<sub>D</sub>, (C<sub>3-7</sub>cycloalkyl)C<sub>1-4</sub>alkyl substituted with 0-2 R<sub>D</sub>, C<sub>1-6</sub>alkoxy substituted with 0-2 R<sub>D</sub>, -NH(C<sub>1-6</sub>alkyl) substituted with 0-2 R<sub>D</sub>, -N(C<sub>1-6</sub>alkyl)(C<sub>1-6</sub>alkyl) each C<sub>1-6</sub>alkyl independently substituted with 0-2 R<sub>D</sub>, -XR<sub>A</sub>, and Y;

R<sub>D</sub> is independently selected at each occurrence from the group consisting of halogen, hydroxy, cyano, amino, C<sub>1-4</sub>alkyl, -O(C<sub>1-4</sub>alkyl), -NH(C<sub>1-4</sub>alkyl), -N(C<sub>1-4</sub>alkyl)(C<sub>1-4</sub>alkyl),

-S(O)<sub>n</sub>(alkyl), halo(C<sub>1-4</sub>)alkyl, halo(C<sub>1-4</sub>)alkoxy, CO(C<sub>1-4</sub>alkyl), CONH(C<sub>1-4</sub>alkyl), CON(C<sub>1-4</sub>alkyl)(C<sub>1-4</sub>alkyl), -XR<sub>A</sub>, and Y;

X is independently selected at each occurrence from the group consisting of -CH<sub>2</sub>-, -CHR<sub>B</sub>-, -O-, -C(=O)-, -C(=O)O-, -S(O)<sub>n</sub>-, -NH-, -NR<sub>B</sub>-, -C(=O)NH-, -C(=O)NR<sub>B</sub>-, -S(O)<sub>n</sub>NH-, -S(O)<sub>n</sub>NR<sub>B</sub>-, -OC(=S)S-, -NHC(=O)-, -NR<sub>B</sub>C(=O)-, -NHS(O)<sub>n</sub>-, -OSiH<sub>n</sub>(C<sub>1-4</sub>alkyl)<sub>2-n</sub>-, and -NR<sub>B</sub>S(O)<sub>n</sub>-;

Y is independently selected at each occurrence from: 3- to 7-membered carbocyclic groups or heterocyclic groups which are saturated, unsaturated, or aromatic, which may be further substituted with one or more substituents

independently selected from halogen, oxo, hydroxy, amino, cyano, C<sub>1-4</sub>alkyl, -O(C<sub>1-4</sub>alkyl), -NH(C<sub>1-4</sub>alkyl), -N(C<sub>1-4</sub>alkyl)(C<sub>1-4</sub>alkyl), and -S(O)<sub>n</sub>(alkyl) ,

said 3- to 7-membered heterocyclic groups containing one or more heteroatom(s) independently selected from N, O, and S, with the point of attachment being either carbon or nitrogen; and  
n is independently selected at each occurrence from 0, 1, and 2.

4. (Previously Presented) A compound or salt according to Claim 1 wherein

Ar is mono-, di-, or trisubstituted phenyl; and  
R<sub>2</sub> is selected from aminoalkyl, and mono or dialkylamino.

5. (Original) A compound or salt according to Claim 3, wherein:  
Ar is phenyl mono-, di-, or tri-substituted with R<sub>C</sub>.

6. (Previously Presented) A compound or salt according to Claim 3, wherein:

Ar is phenyl mono-, di-, or tri-substituted with R<sub>C</sub>; and  
R<sub>1</sub> and R<sub>3</sub> are independently selected from the group consisting of  
C<sub>1-3</sub>alkyl, C<sub>1-3</sub>alkoxy, (C<sub>3-7</sub>cycloalkyl)C<sub>1-3</sub>alkyl, (C<sub>3-7</sub>cycloalkyl)C<sub>1-3</sub>alkoxy, each of which is unsubstituted or substituted by 1-3 groups independently chosen from hydroxy, amino, cyano, and halogen.

7. (Previously Presented) A compound or salt according to Claim 3, wherein:

Ar is phenyl mono-, di-, or tri-substituted with R<sub>C</sub>; and  
R<sub>A</sub> and R<sub>B</sub>, which may be the same or different, are independently selected at each occurrence from:

straight, branched, or cyclic alkyl groups having from 1 to 8 carbon atoms,  
straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, or  
straight or branched alkynyl groups consisting of 2 to 8 carbon atoms.

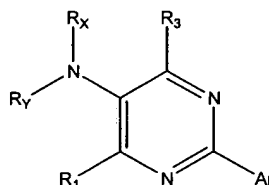
8. (Previously Presented) A compound or salt according to Claim 3, wherein:

Ar is phenyl mono-, di-, or tri-substituted with  $R_C$ ;

$R_A$  and  $R_B$ , which may be the same or different, are independently selected at each occurrence from: straight, branched, or cyclic alkyl groups having from 1 to 8 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, or straight or branched alkynyl groups consisting of 2 to 8 carbon atoms; and

$R_1$  and  $R_3$  are independently selected from the group consisting of  $C_{1-3}$ alkyl,  $C_{1-3}$ alkoxy,  $(C_{3-7}$ cycloalkyl) $C_{1-3}$ alkyl,  $(C_{3-7}$ cycloalkyl) $C_{1-3}$ alkoxy, each of which is unsubstituted or substituted by 1-3 groups independently chosen from hydroxy, amino, cyano, and halogen.

9. (Previously Presented) A compound of Formula A



Formula A

or a pharmaceutically acceptable salt thereof, wherein:

$R_X$  and  $R_Y$  are the same or different and are independently selected from:

- a) hydrogen,
- b)  $-(C=O)alkyl_A$ , wherein  $alkyl_A$  is a straight or branched alkyl group

having from 1 to 8 carbon atoms;

- c) straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, cycloalkyl(alkyl) groups consisting of 4 to 11 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, or straight or branched alkynyl groups consisting of 2 to 8 carbon atoms, each of which may be further substituted with one or more substituent(s) independently selected from:

- i) hydroxy, halogen, amino, cyano,  $-\text{O}(\text{C}_{1-4}\text{alkyl})$ ,  $-\text{NH}(\text{C}_{1-4}\text{alkyl})$ , and  $-\text{NH}(\text{C}_{1-4}\text{alkyl})(\text{C}_{1-4}\text{alkyl})$ , and
- ii) 3- to 7-membered carbocyclic groups, which are saturated, unsaturated, or aromatic, which may be substituted with one or more substituents independently selected from halogen,  $\text{halo}(\text{C}_{1-4})\text{alkyl}$ ,  $\text{halo}(\text{C}_{1-4})\text{alkoxy}$ , oxo, hydroxy, amino,  $\text{C}_{1-4}\text{alkyl}$ ,  $-\text{O}(\text{C}_{1-4}\text{alkyl})$ ,  $-\text{NH}(\text{C}_{1-4}\text{alkyl})$ ,  $-\text{N}(\text{C}_{1-4}\text{alkyl})(\text{C}_{1-4}\text{alkyl})$ , and  $-\text{S}(\text{O})_n(\text{alkyl})$ ,

$\text{R}_1$  is selected from hydrogen, halogen, cyano,  $\text{C}_{1-6}$  alkyl,  $\text{C}_{2-6}\text{alkenyl}$ ,  $(\text{C}_{3-7}\text{cycloalkyl}_1)\text{C}_{1-4}\text{alkyl}$ ,  $(\text{C}_{3-7}\text{cycloalkyl}_1)\text{C}_{2-4}\text{alkenyl}$ ,  $-\text{O}(\text{C}_{3-7}\text{cycloalkyl}_1)\text{C}_{1-4}\text{alkyl}$ ,  $-\text{O}(\text{C}_{3-7}\text{cycloalkyl}_1)\text{C}_{2-4}\text{alkenyl}$ ,  $\text{halo}(\text{C}_{1-6})\text{alkyl}$ ,  $\text{halo}\text{C}_{2-6}\text{alkenyl}$ ,  $-\text{O}(\text{halo}(\text{C}_{1-6})\text{alkyl})$ ,  $-\text{O}(\text{halo}(\text{C}_{2-6})\text{alkenyl})$ ,  $-\text{O}(\text{C}_{1-6}\text{alkyl})$ ,  $-\text{O}(\text{C}_{2-6}\text{alkenyl})$ ,  $\text{S}(\text{O})_n(\text{C}_{1-6}\text{alkyl})$ , and  $\text{S}(\text{O})_n(\text{C}_{2-6}\text{alkenyl})$ ,

$\text{R}_3$  is selected from hydrogen, cyano,  $\text{C}_{1-6}$  alkyl,  $\text{C}_{2-6}\text{alkenyl}$ ,  $(\text{C}_{3-7}\text{cycloalkyl}_1)\text{C}_{1-4}\text{alkyl}$ ,  $(\text{C}_{3-7}\text{cycloalkyl}_1)\text{C}_{2-4}\text{alkenyl}$ ,  $-\text{O}(\text{C}_{3-7}\text{cycloalkyl}_1)\text{C}_{1-4}\text{alkyl}$ ,  $-\text{O}(\text{C}_{3-7}\text{cycloalkyl}_1)\text{C}_{2-4}\text{alkenyl}$ ,  $\text{halo}(\text{C}_{1-6})\text{alkyl}$ ,  $\text{halo}\text{C}_{2-6}\text{alkenyl}$ ,  $-\text{O}(\text{halo}(\text{C}_{1-6})\text{alkyl})$ ,  $-\text{O}(\text{halo}(\text{C}_{2-6})\text{alkenyl})$ ,  $-\text{O}(\text{C}_{1-6}\text{alkyl})$ ,  $-\text{O}(\text{C}_{2-6}\text{alkenyl})$ ,  $\text{S}(\text{O})_n(\text{C}_{1-6}\text{alkyl})$ , and  $\text{S}(\text{O})_n(\text{C}_{2-6}\text{alkenyl})$ ,

where each alkyl, or alkenyl is independently straight, branched, or cyclic, and is optionally substituted by one or more substituents independently chosen from halogen, hydroxy, oxo, cyano,  $\text{C}_{1-4}\text{alkoxy}$ , amino, and mono- or di( $\text{C}_{1-4}$ )alkylamino,

and

where said  $\text{C}_{3-7}\text{cycloalkyl}_1$  is optionally substituted by one or more substituents independently chosen from halogen, hydroxy, oxo, cyano,  $\text{C}_{1-4}\text{alkoxy}$ , amino, and mono- or di( $\text{C}_{1-4}$ )alkylamino with the proviso that not both  $\text{R}_1$  and  $\text{R}_3$  are hydrogen;

$\text{Ar}$  is selected from the group consisting of phenyl and naphthyl, each of which is mono-, di-, or tri-substituted with  $\text{R}_C$ ;

$R_A$  and  $R_B$ , which may be the same or different, are independently selected at each occurrence from the group consisting of:

hydrogen, straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, (cycloalkyl)alkyl groups consisting of 4 to 11 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, and straight or branched alkynyl groups consisting of 2 to 8 carbon atoms, each of which may be further substituted with one or more substituent(s) independently selected from oxo, hydroxy, halogen, nitro, cyano,  $C_{1-6}$ alkoxy,  $-NH(C_{1-6}alkyl)$ ,  $-N(C_{1-6}alkyl)(C_{1-6}alkyl)$ ,  $-NHC(=O)(C_{1-6}alkyl)$ ,  $-N(C_{1-6}alkyl)C(=O)(C_{1-6}alkyl)$ ,  $-NHS(O)_n(C_{1-6}alkyl)$ ,  $-S(O)_n(C_{1-6}alkyl)$ ,  $-S(O)_nNH(C_{1-6}alkyl)$ ,  $-S(O)_nN(C_{1-6}alkyl)(C_{1-6}alkyl)$ , and Z;

$R_C$  is independently selected at each occurrence from halogen, cyano, halo( $C_{1-6}$ )alkyl, halo( $C_{1-6}$ )alkoxy, hydroxy, amino, and  $C_{1-6}$ alkyl substituted with 0-2  $R_D$ ,  $C_{2-6}$  alkenyl substituted with 0-2  $R_D$ ,  $C_{2-6}$ alkynyl substituted with 0-2  $R_D$ ,  $C_{3-7}$ cycloalkyl substituted with 0-2  $R_D$ ,  $(C_{3-7}cycloalkyl)C_{1-4}alkyl$  substituted with 0-2  $R_D$ ,  $C_{1-6}$ alkoxy substituted with 0-2  $R_D$ ,  $-NH(C_{1-6}alkyl)$  substituted with 0-2  $R_D$ ,  $-N(C_{1-6}alkyl)(C_{1-6}alkyl)$  each  $C_{1-4}alkyl$  independently substituted with 0-2  $R_D$ ,  $-XR_A$ , and Y, with the proviso that at least one of the positions ortho or para to the point of attachment of Ar to the pyrimidine ring shown in Formula A is substituted;

$R_D$  is independently selected at each occurrence the group consisting of halogen, hydroxy, cyano,  $C_{1-4}alkyl$ ,  $-O(C_{1-4}alkyl)$ ,  $-NH(C_{1-4}alkyl)$ ,  $-N(C_{1-4}alkyl)(C_{1-4}alkyl)$ ,  $-S(O)_n(alkyl)$  halo( $C_{1-4}$ )alkyl, halo( $C_{1-4}$ )alkoxy,  $CO(C_{1-4}alkyl)$ ,  $CONH(C_{1-4}alkyl)$ ,  $CON(C_{1-4}alkyl)(C_{1-4}alkyl)$ ,  $-XR_A$ , and Y;

X is independently selected at each occurrence from the group consisting of  $-CH_2-$ ,  $-CHR_B-$ ,  $-O-$ ,  $-C(=O)-$ ,  $-C(=O)O-$ ,  $-S(O)_n-$ ,  $-NH-$ ,  $-NR_B-$ ,  $-C(=O)NH-$ ,  $-C(=O)NR_B-$ ,  $-S(O)_nNH-$ ,  $-S(O)_nNR_B-$ ,  $-OC(=S)S-$ ,  $-NHC(=O)-$ ,  $-NR_BC(=O)-$ ,  $-NHS(O)_n-$ ,  $-OSiH_n(C_{1-4}alkyl)_{2-n}-$ , and  $-NR_BS(O)_n-$ ;

Y and Z are independently selected at each occurrence from the group consisting of: 3- to 7-membered carbocyclic groups or heterocyclic groups, which are saturated, unsaturated, or aromatic, which may be further substituted with

one or more substituents independently selected from halogen, oxo, hydroxy, amino, C<sub>1-4</sub>alkyl, -O(C<sub>1-4</sub>alkyl), -NH(C<sub>1-4</sub>alkyl), -N(C<sub>1-4</sub>alkyl)(C<sub>1-4</sub>alkyl), and -S(O)<sub>n</sub>(alkyl); and n is 0, 1, or 2.

10. (Previously Presented) A compound or salt according to Claim 9, wherein:

R<sub>X</sub> and R<sub>Y</sub> are the same or different and are independently selected from:

a) -(C=O)alkyl<sub>A</sub>, wherein alkyl<sub>A</sub> is a straight or branched alkyl group having from 1 to 8 carbon atoms;

b) straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, (cycloalkyl)alkyl groups consisting of 4 to 12 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, or straight or branched alkynyl groups consisting of 2 to 8 carbon atoms, each of which may be further substituted with one or more substituent(s) independently selected from:

i) hydroxy, halogen, amino, cyano, -O(C<sub>1-4</sub>alkyl), -NH(C<sub>1-4</sub>alkyl), and -NH(C<sub>1-4</sub>alkyl)(C<sub>1-4</sub>alkyl), and

ii) 3- to 7-membered carbocyclic groups, which are saturated, unsaturated, or aromatic, which may be substituted with one or more substituents independently selected from halogen, halo(C<sub>1-4</sub>)alkyl, halo(C<sub>1-4</sub>)alkoxy, oxo, hydroxy, amino, C<sub>1-4</sub>alkyl, -O(C<sub>1-4</sub>alkyl), -NH(C<sub>1-4</sub>alkyl), -N(C<sub>1-4</sub>alkyl)(C<sub>1-4</sub>alkyl), and -S(O)<sub>n</sub>(alkyl),

R<sub>1</sub> is selected from hydrogen, halogen, cyano, C<sub>1-6</sub> alkyl, C<sub>2-6</sub>alkenyl, (C<sub>3-7</sub>cycloalkyl<sub>1</sub>)C<sub>1-4</sub>alkyl, (C<sub>3-7</sub>cycloalkyl<sub>1</sub>)C<sub>2-4</sub>alkenyl, -O(C<sub>3-7</sub>cycloalkyl<sub>1</sub>)C<sub>1-4</sub>alkyl, -O(C<sub>3-7</sub>cycloalkyl<sub>1</sub>)C<sub>2-4</sub>alkenyl, halo(C<sub>1-6</sub>)alkyl, haloC<sub>2-6</sub>alkenyl, -O(halo(C<sub>1-6</sub>)alkyl), -O(halo(C<sub>2-6</sub>)alkenyl), -O(C<sub>1-6</sub>alkyl), and -O(C<sub>2-6</sub>alkenyl),

R<sub>3</sub> is selected from hydrogen, cyano, C<sub>1-6</sub> alkyl, C<sub>2-6</sub>alkenyl, (C<sub>3-7</sub>cycloalkyl<sub>1</sub>)C<sub>1-4</sub>alkyl, (C<sub>3-7</sub>cycloalkyl<sub>1</sub>)C<sub>2-4</sub>alkenyl, -O(C<sub>3-7</sub>cycloalkyl<sub>1</sub>)C<sub>1-4</sub>alkyl, -O(C<sub>3-7</sub>cycloalkyl<sub>1</sub>)C<sub>2-4</sub>alkenyl, halo(C<sub>1-6</sub>)alkyl, haloC<sub>2-6</sub>alkenyl, -O(halo(C<sub>1-6</sub>)alkyl), -O(halo(C<sub>2-6</sub>)alkenyl), -O(C<sub>1-6</sub>alkyl), and -O(C<sub>2-6</sub>alkenyl),



where each alkyl, or alkenyl is independently straight, branched, or cyclic, and is optionally substituted by one or more substituents independently chosen from halogen, hydroxy, oxo, cyano, C<sub>1-4</sub>alkoxy, amino, and mono- or di(C<sub>1-4</sub>)alkylamino,

and

where said C<sub>3-7</sub>cycloalkyl<sub>1</sub> is optionally substituted by one or more substituents independently chosen from halogen, hydroxy, oxo, cyano, C<sub>1-4</sub>alkoxy, amino, and mono- or di(C<sub>1-4</sub>)alkylamino

Ar is phenyl, which is mono-, di-, or tri-substituted with R<sub>C</sub>;

R<sub>A</sub> and R<sub>B</sub>, which may be the same or different, are independently selected at each occurrence from the group consisting of:

hydrogen, straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, (cycloalkyl)alkyl groups consisting of 4 to 11 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, and straight or branched alkynyl groups consisting of 2 to 8 carbon atoms, each of which may be further substituted with one or more substituent(s) independently selected from oxo, hydroxy, halogen, nitro, cyano, C<sub>1-6</sub>alkoxy, -NH(C<sub>1-6</sub>alkyl), -N(C<sub>1-6</sub>alkyl)(C<sub>1-6</sub>alkyl), -NHC(=O)(C<sub>1-6</sub>alkyl), -N(C<sub>1-6</sub>alkyl)C(=O)(C<sub>1-6</sub>alkyl), and Z;

R<sub>C</sub> is independently selected at each occurrence from halogen, cyano, halo(C<sub>1-6</sub>)alkyl, halo(C<sub>1-6</sub>)alkoxy, hydroxy, amino, and C<sub>1-6</sub>alkyl substituted with 0-2 R<sub>D</sub>, C<sub>2-6</sub> alkenyl substituted with 0-2 R<sub>D</sub>, C<sub>2-6</sub>alkynyl substituted with 0-2 R<sub>D</sub>, C<sub>3-7</sub>cycloalkyl substituted with 0-2 R<sub>D</sub>, (C<sub>3-7</sub>cycloalkyl)C<sub>1-4</sub>alkyl substituted with 0-2 R<sub>D</sub>, C<sub>1-6</sub>alkoxy substituted with 0-2 R<sub>D</sub>, -NH(C<sub>1-6</sub>alkyl) substituted with 0-2 R<sub>D</sub>, -N(C<sub>1-6</sub>alkyl)(C<sub>1-6</sub>alkyl) each C<sub>1-4</sub>alkyl independently substituted with 0-2 R<sub>D</sub>, -XR<sub>A</sub>, and Y, with the proviso that at least one of the positions ortho or para to the point of attachment of Ar to the pyrimidine ring shown in Formula A is substituted;

R<sub>D</sub> is independently selected at each occurrence the group consisting of halogen, hydroxy, cyano, C<sub>1-4</sub>alkyl, -O(C<sub>1-4</sub>alkyl), -NH(C<sub>1-4</sub>alkyl), -N(C<sub>1-4</sub>alkyl)(C<sub>1-4</sub>alkyl), halo(C<sub>1-4</sub>)alkyl, halo(C<sub>1-4</sub>)alkoxy, CO(C<sub>1-4</sub>alkyl), CONH(C<sub>1-4</sub>alkyl), CON(C<sub>1-4</sub>alkyl)(C<sub>1-4</sub>alkyl), -XR<sub>A</sub>, and Y;

X is independently selected at each occurrence from the group consisting of  $-\text{CH}_2-$ ,  $-\text{CHR}_B-$ ,  $-\text{O}-$ ,  $-\text{C}(=\text{O})-$ ,  $-\text{C}(=\text{O})\text{O}-$ ,  $-\text{NH}-$ ,  $-\text{NR}_B-$ ,  $-\text{C}(=\text{O})\text{NH}-$ ,  $-\text{C}(=\text{O})\text{NR}_B-$ ,  $-\text{NHC}(=\text{O})-$ , and  $-\text{NR}_B\text{C}(=\text{O})-$ ;

Y and Z are independently selected at each occurrence from the group consisting of: 3- to 7-membered carbocyclic groups, which are saturated, unsaturated, or aromatic, which may be further substituted with one or more substituents independently selected from halogen, oxo, hydroxy, amino,  $\text{C}_{1-4}$ alkyl,  $-\text{O}(\text{C}_{1-4}\text{alkyl})$ ,  $-\text{NH}(\text{C}_{1-4}\text{alkyl})$ , and  $-\text{N}(\text{C}_{1-4}\text{alkyl})(\text{C}_{1-4}\text{alkyl})$ ; and

n is 0, 1, or 2.

11. (Previously Presented) A compound or salt according to claim 9, wherein:

Ar is phenyl mono-, di-, or tri-substituted with  $\text{R}_C$ , and

$\text{R}_1$  is selected from the group consisting of

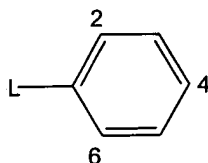
hydrogen, halogen,  $\text{C}_{1-4}$ alkoxy, halo( $\text{C}_{1-4}$ )alkyl, halo( $\text{C}_{1-4}$ )alkoxy,  $\text{C}_{1-6}$ alkyl, which  $\text{C}_{1-6}$ alkyl is unsubstituted or substituted by one to three substituents independently selected from hydroxy, oxo, cyano,  $\text{C}_{1-4}$ alkoxy, amino, and mono- or di( $\text{C}_{1-4}$ )alkylamino, and ( $\text{C}_{3-7}$ cycloalkyl) $\text{C}_{1-4}$ alkyl, which ( $\text{C}_{3-7}$ cycloalkyl) $\text{C}_{1-4}$ alkyl is unsubstituted or substituted by one to three substituents independently selected from hydroxy, oxo, cyano,  $\text{C}_{1-4}$ alkoxy, amino, and mono- or di( $\text{C}_{1-4}$ )alkylamino; and

$\text{R}_3$  is selected from the group consisting of

hydrogen,  $\text{C}_{1-4}$ alkoxy, halo( $\text{C}_{1-4}$ )alkyl, halo( $\text{C}_{1-4}$ )alkoxy,  $\text{C}_{1-6}$ alkyl, which  $\text{C}_{1-6}$ alkyl is unsubstituted or substituted by one to three substituents independently selected from hydroxy, oxo, cyano,  $\text{C}_{1-4}$ alkoxy, amino, and mono- or di( $\text{C}_{1-4}$ )alkylamino, and ( $\text{C}_{3-7}$ cycloalkyl) $\text{C}_{1-4}$ alkyl, which ( $\text{C}_{3-7}$ cycloalkyl) $\text{C}_{1-4}$ alkyl is unsubstituted or substituted by one to three substituents independently selected from hydroxy, oxo, cyano,  $\text{C}_{1-4}$ alkoxy, amino, and mono- or di( $\text{C}_{1-4}$ )alkylamino.

12. (Previously Presented) A compound or salt according to claim 9, wherein:

Ar is a phenyl group of the formula:



wherein L indicates a bond to the pyrimidine ring in Formula A

and the phenyl group is substituted at one, two, or three of positions 2, 4, and 6 positions of the phenyl ring with substituents independently selected from:

i) halogen, cyano, halo(C<sub>1-4</sub>)alkyl, halo(C<sub>1-4</sub>)alkoxy, hydroxy, amino, C<sub>1-6</sub> alkyl, C<sub>1-6</sub>alkoxy, (C<sub>1-4</sub>alkoxy)C<sub>1-4</sub>alkoxy, and mono- or di(C<sub>1-4</sub>alkyl)amino,

ii) C<sub>1-6</sub> alkyl and C<sub>1-6</sub>alkoxy which are further substituted with a 3- to 7-membered carbocyclic group, which is saturated, unsaturated, or aromatic, which 3- to 7-membered carbocyclic and heterocyclic group may be further substituted with one or more substituents independently selected from halogen, oxo, hydroxy, amino, C<sub>1-4</sub>alkyl, -O(C<sub>1-4</sub>alkyl), -NH(C<sub>1-4</sub>alkyl), and -N(C<sub>1-4</sub>alkyl)(C<sub>1-4</sub>alkyl).

13. (Previously Presented) A compound or salt according to claim 9, wherein:

Ar is phenyl mono-, di-, or tri-substituted with R<sub>C</sub>,

R<sub>X</sub> and R<sub>Y</sub>, which may be the same or different, are independently selected at each occurrence from

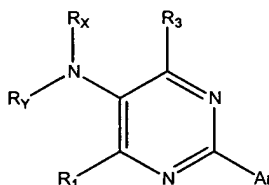
straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, (cycloalkyl)alkyl groups consisting of 4 to 11 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, or straight or branched alkynyl groups consisting of 2 to 8 carbon atoms;

R<sub>1</sub> is selected from the group consisting of hydrogen, halogen, C<sub>1-4</sub>alkoxy, halo(C<sub>1-4</sub>)alkyl, (halo(C<sub>1-4</sub>)alkoxy, C<sub>1-6</sub>alkyl, which C<sub>1-6</sub>alkyl is unsubstituted or

substituted by one to three substituents independently selected from hydroxy, oxo, cyano, C<sub>1-4</sub>alkoxy, amino, and mono- or di(C<sub>1-4</sub>)alkylamino, (C<sub>3-7</sub>cycloalkyl)C<sub>1-4</sub>alkyl, which (C<sub>3-7</sub>cycloalkyl)C<sub>1-4</sub>alkyl is unsubstituted or substituted by one to three substituents independently selected from hydroxy, oxo, cyano, C<sub>1-4</sub>alkoxy, amino, and mono- or di(C<sub>1-4</sub>)alkylamino; and

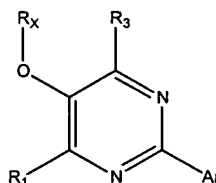
R<sub>3</sub> is selected from the group consisting of hydrogen, C<sub>1-4</sub>alkoxy, halo(C<sub>1-4</sub>)alkyl, (halo(C<sub>1-4</sub>)alkoxy, C<sub>1-6</sub>alkyl, which C<sub>1-6</sub>alkyl is unsubstituted or substituted by one to three substituents independently selected from hydroxy, oxo, cyano, C<sub>1-4</sub>alkoxy, amino, and mono- or di(C<sub>1-4</sub>)alkylamino, (C<sub>3-7</sub>cycloalkyl)C<sub>1-4</sub>alkyl, which (C<sub>3-7</sub>cycloalkyl)C<sub>1-4</sub>alkyl is unsubstituted or substituted by one to three substituents independently selected from hydroxy, oxo, cyano, C<sub>1-4</sub>alkoxy, amino, and mono- or di(C<sub>1-4</sub>)alkylamino.

14. (Previously Presented) A compound or salt according to claim 9 of the formula:



R<sub>X</sub> and R<sub>Y</sub> are the same or different and are independently selected from the group consisting of:  
hydrogen and C<sub>1</sub> – C<sub>6</sub> alkyl.

15. (Previously Presented) A compound or salt according to the formula



wherein:

R<sub>X</sub> is chosen from

straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, (cycloalkyl)alkyl groups consisting of 4 to 12 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, or straight or branched alkynyl groups consisting of 2 to 8 carbon atoms, each of which may be further substituted with one or more substituent(s) independently selected from:

(a) hydroxy, halogen, amino, cyano,  $-O(C_{1-4}\text{alkyl})$ ,  $-NH(C_{1-4}\text{alkyl})$ , and  $-NH(C_{1-4}\text{alkyl})(C_{1-4}\text{alkyl})$ , and

(b) 3- to 7-membered carbocyclic groups, which are saturated, unsaturated, or aromatic, which may be substituted with one or more substituents selected from halogen, halo( $C_{1-4}$ )alkyl, oxo, hydroxy, amino,  $C_{1-4}$ alkyl,  $-O(C_{1-4}\text{alkyl})$ ,  $-NH(C_{1-4}\text{alkyl})$ ,  $-N(C_{1-4}\text{alkyl})(C_{1-4}\text{alkyl})$ ;

$R_1$  is selected from hydrogen, halogen, cyano,  $C_{1-6}$  alkyl,  $C_{2-6}$ alkenyl, ( $C_{3-7}$ cycloalkyl<sub>1</sub>) $C_{1-4}$ alkyl, ( $C_{3-7}$ cycloalkyl<sub>1</sub>) $C_{2-4}$ alkenyl,  $-O(C_{3-7}$ cycloalkyl<sub>1</sub>) $C_{1-4}$ alkyl,  $-O(C_{3-7}$ cycloalkyl<sub>1</sub>) $C_{2-4}$ alkenyl, halo( $C_{1-6}$ )alkyl, halo $C_{2-6}$ alkenyl,  $-O(\text{halo}(C_{1-6})\text{alkyl})$ ,  $-O(\text{halo}(C_{2-6})\text{alkenyl})$ ,  $-O(C_{1-6}\text{alkyl})$ ,  $-O(C_{2-6}\text{alkenyl})$ ,  $S(O)_n(C_{1-6}\text{alkyl})$ , and  $S(O)_n(C_{2-6}\text{alkenyl})$ ,

$R_3$  is selected from hydrogen, cyano,  $C_{1-6}$  alkyl,  $C_{2-6}$ alkenyl, ( $C_{3-7}$ cycloalkyl<sub>1</sub>) $C_{1-4}$ alkyl, ( $C_{3-7}$ cycloalkyl<sub>1</sub>) $C_{2-4}$ alkenyl,  $-O(C_{3-7}$ cycloalkyl<sub>1</sub>) $C_{1-4}$ alkyl,  $-O(C_{3-7}$ cycloalkyl<sub>1</sub>) $C_{2-4}$ alkenyl, halo( $C_{1-6}$ )alkyl, halo $C_{2-6}$ alkenyl,  $-O(\text{halo}(C_{1-6})\text{alkyl})$ ,  $-O(\text{halo}(C_{2-6})\text{alkenyl})$ ,  $-O(C_{1-6}\text{alkyl})$ ,  $-O(C_{2-6}\text{alkenyl})$ ,  $S(O)_n(C_{1-6}\text{alkyl})$ , and  $S(O)_n(C_{2-6}\text{alkenyl})$ ,

where each alkyl, or alkenyl is independently straight, branched, or cyclic, and is optionally substituted by one or more substituents independently chosen from halogen, hydroxy, oxo, cyano,  $C_{1-4}$ alkoxy, amino, and mono- or di( $C_{1-4}$ )alkylamino,

and

where said  $C_{3-7}$ cycloalkyl<sub>1</sub> is optionally substituted by one or more substituents independently chosen from halogen, hydroxy, oxo, cyano,  $C_{1-4}$ alkoxy, amino, and mono- or di( $C_{1-4}$ )alkylamino with the proviso that not both  $R_1$  and  $R_3$  are hydrogen;

Ar is selected from the group consisting of phenyl and naphthyl, each of which is mono-, di-, or tri-substituted with R<sub>C</sub>;

R<sub>A</sub> and R<sub>B</sub>, which may be the same or different, are independently selected at each occurrence from the group consisting of:

hydrogen, straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, (cycloalkyl)alkyl groups consisting of 4 to 11 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, and straight or branched alkynyl groups consisting of 2 to 8 carbon atoms, each of which may be further substituted with one or more substituent(s) independently selected from oxo, hydroxy, halogen, nitro, cyano, C<sub>1-6</sub>alkoxy, -NH(C<sub>1-6</sub>alkyl), -N(C<sub>1-6</sub>alkyl)(C<sub>1-6</sub>alkyl), -NHC(=O)(C<sub>1-6</sub>alkyl), -N(C<sub>1-6</sub>alkyl)C(=O)(C<sub>1-6</sub>alkyl), -NHS(O)<sub>n</sub>(C<sub>1-6</sub>alkyl), -S(O)<sub>n</sub>(C<sub>1-6</sub>alkyl), -S(O)<sub>n</sub>NH(C<sub>1-6</sub>alkyl), -S(O)<sub>n</sub>N(C<sub>1-6</sub>alkyl)(C<sub>1-6</sub>alkyl), and Z;

R<sub>C</sub> is independently selected at each occurrence from halogen, cyano, halo(C<sub>1-6</sub>)alkyl, halo(C<sub>1-6</sub>)alkoxy, hydroxy, amino, and C<sub>1-6</sub>alkyl substituted with 0-2 R<sub>D</sub>, C<sub>2-6</sub> alkenyl substituted with 0-2 R<sub>D</sub>, C<sub>2-6</sub>alkynyl substituted with 0-2 R<sub>D</sub>, C<sub>3-7</sub>cycloalkyl substituted with 0-2 R<sub>D</sub>, (C<sub>3-7</sub>cycloalkyl)C<sub>1-4</sub>alkyl substituted with 0-2 R<sub>D</sub>, C<sub>1-6</sub>alkoxy substituted with 0-2 R<sub>D</sub>, -NH(C<sub>1-6</sub>alkyl) substituted with 0-2 R<sub>D</sub>, -N(C<sub>1-6</sub>alkyl)(C<sub>1-6</sub>alkyl) each C<sub>1-4</sub>alkyl independently substituted with 0-2 R<sub>D</sub>, -XR<sub>A</sub>, and Y, with the proviso that at least one of the positions ortho or para to the point of attachment of Ar to the pyrimidine ring shown in Formula A is substituted;

R<sub>D</sub> is independently selected at each occurrence the group consisting of halogen, hydroxy, cyano, C<sub>1-4</sub>alkyl, -O(C<sub>1-4</sub>alkyl), -NH(C<sub>1-4</sub>alkyl), -N(C<sub>1-4</sub>alkyl)(C<sub>1-4</sub>alkyl), -S(O)<sub>n</sub>(alkyl) halo(C<sub>1-4</sub>)alkyl, halo(C<sub>1-4</sub>)alkoxy, CO(C<sub>1-4</sub>alkyl), CONH(C<sub>1-4</sub>alkyl), CON(C<sub>1-4</sub>alkyl)(C<sub>1-4</sub>alkyl), -XR<sub>A</sub>, and Y;

X is independently selected at each occurrence from the group consisting of -CH<sub>2</sub>-, -CHR<sub>B</sub>-, -O-, -C(=O)-, -C(=O)O-, -S(O)<sub>n</sub>-, -NH-, -NR<sub>B</sub>-, -C(=O)NH-, -C(=O)NR<sub>B</sub>-, -S(O)<sub>n</sub>NH-, -S(O)<sub>n</sub>NR<sub>B</sub>-, -OC(=S)S-, -NHC(=O)-, -NR<sub>B</sub>C(=O)-, -NHS(O)<sub>n</sub>-, -OSiH<sub>n</sub>(C<sub>1-4</sub>-alkyl<sub>2-n</sub>)-, and -NR<sub>B</sub>S(O)<sub>n</sub>-;

Y and Z are independently selected at each occurrence from the group consisting of: 3- to 7-membered carbocyclic groups, which are saturated,

unsaturated, or aromatic, which may be further substituted with one or more substituents independently selected from halogen, oxo, hydroxy, amino, C<sub>1-4</sub>alkyl, -O(C<sub>1-4</sub>alkyl),

-NH(C<sub>1-4</sub>alkyl), -N(C<sub>1-4</sub>alkyl)(C<sub>1-4</sub>alkyl), and -S(O)<sub>n</sub>(alkyl); and

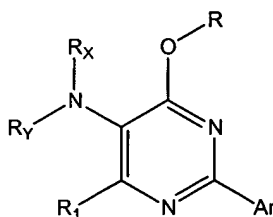
n is 0, 1, or 2.

16. (Previously Presented) A compound or salt according to claim 15 wherein:

R<sub>1</sub> is selected from the group consisting of hydrogen, halogen, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxy, and halo(C<sub>1-4</sub>)alkyl; and

R<sub>3</sub> is selected from the group consisting of hydrogen, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxy, and halo(C<sub>1-4</sub>)alkyl.

17. (Previously Presented) A compound or salt according to Claim 3 of Formula B:



Formula B

wherein

Ar is phenyl mono-, di-, or tri-substituted with R<sub>C</sub>;

R is selected from straight, branched, or cyclic alkyl groups, (cycloalkyl)alkyl groups, or straight, branched, or cyclic alkenyl groups, and which are by one or more substituents independently chosen from oxo, hydroxy, halogen, cyano, -O(C<sub>1-4</sub> alkyl), amino, -NH(C<sub>1-4</sub> alkyl), and -N(C<sub>1-4</sub> alkyl)(C<sub>1-4</sub> alkyl);

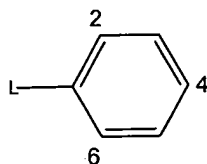
R<sub>1</sub> is selected from hydrogen, halogen, cyano, C<sub>1-4</sub> alkyl, (C<sub>3-7</sub>cycloalkyl)C<sub>1-4</sub>alkyl, halo(C<sub>1-4</sub>)alkyl, halo(C<sub>1-4</sub>)alkoxy, and -O(C<sub>1-4</sub>alkyl); and R<sub>X</sub> and R<sub>Y</sub> are the same or different and are independently selected from:

a) hydrogen,

b)  $-(C=O)alkyl_A$ , wherein  $alkyl_A$  is a straight or branched alkyl group having from 1 to 8 carbon atoms;

c) straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, (cycloalkyl)alkyl groups consisting of 4 to 11 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, or straight or branched alkynyl groups consisting of 2 to 8 carbon atoms, each of which may be further substituted with one or more substituent(s) independently selected from (i) hydroxy, halogen, amino, cyano,  $-O(C_{1-4}alkyl)$ ,  $-NH(C_{1-4}alkyl)$ , and  $-NH(C_{1-4}alkyl)(C_{1-4}alkyl)$ , and (ii) 3- to 7-membered carbocyclic groups, which are saturated, unsaturated, or aromatic, which may be substituted with one or more substituents selected from halogen, halo( $C_{1-4}$ )alkyl, halo( $C_{1-4}$ )alkoxy, oxo, hydroxy, amino,  $C_{1-4}alkyl$ ,  $-O(C_{1-4}alkyl)$ ,  $-NH(C_{1-4}alkyl)$ ,  $-N(C_{1-4}alkyl)(C_{1-4}alkyl)$ , and  $-S(O)_n(alkyl)$ .

18. (Withdrawn) A compound or salt according to Claim 17, wherein Ar is a phenyl group of the formula:



wherein L indicates a bond to the pyrimidine ring in Formula B

and the Ar phenyl group is substituted at one, two, or three of positions 2, 4, and 6 with substituents independently selected from:

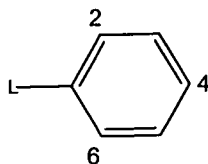
i) halogen, cyano, halo( $C_{1-4}$ )alkyl, halo( $C_{1-4}$ )alkoxy, hydroxy, amino,  $C_{1-6}$  alkyl,  $C_{1-6}$ alkoxy,  $(C_{1-4}alkoxy)C_{1-4}alkoxy$ , and mono- or di( $C_{1-4}alkyl$ )amino,

ii)  $C_{1-6}$  alkyl and  $C_{1-6}$ alkoxy which are further substituted with a 3- to 7-membered carbocyclic group, which is saturated, unsaturated, or aromatic, which 3- to 7-membered carbocyclic group may be further substituted with one or more substituents independently selected from halogen, oxo, hydroxy, amino,  $C_{1-4}alkyl$ ,  $-O(C_{1-4}alkyl)$ ,  $-NH(C_{1-4}alkyl)$ , and  $-N(C_{1-4}alkyl)(C_{1-4}alkyl)$ .



19. (Withdrawn) A compound or salt according to Claim 17,  
wherein

Ar is a phenyl group of the formula:



wherein L indicates a bond to the pyrimidine ring in Formula B

and the Ar phenyl group is substituted at one, two, or three of  
positions 2, 4, and 6 with substituents independently selected from:

i) halogen, cyano, halo(C<sub>1-4</sub>)alkyl, halo(C<sub>1-4</sub>)alkoxy, hydroxy, amino, C<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkoxy, (C<sub>1-4</sub>alkoxy)C<sub>1-4</sub>alkoxy, and mono- or di(C<sub>1-4</sub>alkyl)amino,

ii) C<sub>1-6</sub> alkyl and C<sub>1-6</sub>alkoxy which are further substituted with a 3- to 7-membered carbocyclic group, which is saturated, unsaturated, or aromatic, which 3- to 7-membered carbocyclic group may be further substituted with one or more substituents independently selected from halogen, oxo, hydroxy, amino, C<sub>1-4</sub>alkyl, -O(C<sub>1-4</sub>alkyl), -NH(C<sub>1-4</sub>alkyl), and -N(C<sub>1-4</sub>alkyl)(C<sub>1-4</sub>alkyl);

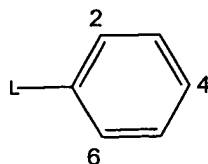
R<sub>X</sub> and R<sub>Y</sub> are the same or different and are independently selected from the group consisting of:

a) hydrogen (with the proviso that R<sub>X</sub> and R<sub>Y</sub> are not both hydrogen),  
b) -(C=O)alkyl<sub>A</sub>, wherein alkyl<sub>A</sub> is a straight or branched alkyl group having from 1 to 8 carbon atoms;

c) straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, (cycloalkyl)alkyl groups consisting of 4 to 11 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, or straight or branched alkynyl groups consisting of 2 to 8 carbon atoms, which may be further substituted with one or more substituent(s) independently selected from hydroxy, halogen, amino, cyano, -O(C<sub>1-4</sub>alkyl), -NH(C<sub>1-4</sub>alkyl), and -NH(C<sub>1-4</sub>alkyl)(C<sub>1-4</sub>alkyl).

20. (Withdrawn) A compound or salt according to Claim 17,  
wherein

Ar is a phenyl group of the formula:



wherein L indicates a bond to the pyrimidine ring in Formula B

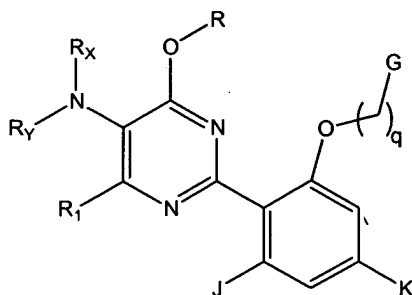
and the Ar phenyl group is substituted at one, two, or three of  
positions 2, 4, and 6 with substituents independently selected from:

- i) halogen, cyano, halo(C<sub>1-4</sub>)alkyl, halo(C<sub>1-4</sub>)alkoxy, hydroxy, amino, C<sub>1-6</sub> alkyl, C<sub>1-6</sub>alkoxy, (C<sub>1-4</sub>alkoxy)C<sub>1-4</sub>alkoxy, and mono- or di(C<sub>1-4</sub>alkyl)amino,
- ii) C<sub>1-6</sub> alkyl and C<sub>1-6</sub>alkoxy which are further substituted with a 3- to 7-membered carbocyclic group, which is saturated, unsaturated, or aromatic, which 3- to 7-membered carbocyclic group may be further substituted with one or more substituents independently selected from halogen, oxo, hydroxy, amino, C<sub>1-4</sub>alkyl, -O(C<sub>1-4</sub>alkyl), -NH(C<sub>1-4</sub>alkyl), and -N(C<sub>1-4</sub>alkyl)(C<sub>1-4</sub>alkyl);

R<sub>X</sub> and R<sub>Y</sub> are the same or different and are independently selected from the group consisting of:

- a) hydrogen (with the proviso that R<sub>X</sub> and R<sub>Y</sub> are not both hydrogen),
- b) -(C=O)alkyl<sub>A</sub>, wherein alkyl<sub>A</sub> is a straight or branched alkyl group having from 1 to 8 carbon atoms;
- c) straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, (cycloalkyl)alkyl groups consisting of 4 to 11 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, or straight or branched alkynyl groups consisting of 2 to 8 carbon atoms.

21. (Withdrawn) A compound or salt according to Claim 17, of  
the formula:



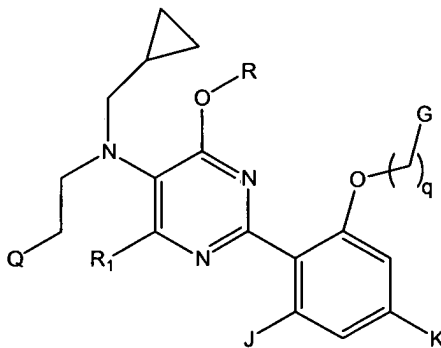
wherein:

q is an integer from 1 to 4;

G is hydrogen, hydroxy, C<sub>1-6</sub>alkoxy, -NH(C<sub>1-6</sub>alkyl), -N(C<sub>1-6</sub>alkyl)(C<sub>1-6</sub>alkyl), or a 3- to 7-membered carbocyclic group which is saturated, unsaturated, or aromatic, which is unsubstituted or substituted with one or more substituents independently selected from halogen, halo(C<sub>1-4</sub>)alkyl, halo(C<sub>1-4</sub>)alkoxy, oxo, hydroxy, amino, C<sub>1-4</sub>alkyl, -O(C<sub>1-4</sub>alkyl), -NH(C<sub>1-4</sub>alkyl), -N(C<sub>1-4</sub>alkyl)(C<sub>1-4</sub>alkyl), and -S(O)<sub>n</sub>(alkyl);

J and K are independently selected from halogen, cyano, halo(C<sub>1-4</sub>)alkyl, halo(C<sub>1-4</sub>)alkoxy, hydroxy, amino, C<sub>1-6</sub> alkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxy, (C<sub>1-4</sub>alkoxy)C<sub>1-4</sub>alkoxy, and mono- or di(C<sub>1-4</sub>alkyl)amino.

22. (Withdrawn) A compound or salt according to Claim 17, of the formula:



wherein:

Q is hydrogen or C<sub>3-7</sub> cycloalkyl,;

q is an integer from 1 to 4;

G is hydrogen, hydroxy, C<sub>1-6</sub>alkoxy, -NH(C<sub>1-6</sub>alkyl), -N(C<sub>1-6</sub>alkyl)(C<sub>1-6</sub>alkyl), or a 3- to 7-membered carbocyclic group, which is saturated, unsaturated, or aromatic, which is unsubstituted or substituted with one or more substituents independently selected from halogen, halo(C<sub>1-4</sub>)alkyl, halo(C<sub>1-4</sub>)alkoxy, oxo, hydroxy, amino, C<sub>1-4</sub>alkyl, -O(C<sub>1-4</sub>alkyl), -NH(C<sub>1-4</sub>alkyl), -N(C<sub>1-4</sub>alkyl)(C<sub>1-4</sub>alkyl), and -S(O)<sub>n</sub>(alkyl);

J and K are independently selected from halogen, cyano, halo(C<sub>1-4</sub>)alkyl, halo(C<sub>1-4</sub>)alkoxy, hydroxy, amino, C<sub>1-6</sub> alkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxy, (C<sub>1-4</sub>alkoxy)C<sub>1-4</sub>alkoxy, and mono- or di(C<sub>1-4</sub>alkyl)amino; and

R<sub>X</sub> and R<sub>Y</sub> are the same or different and are independently selected from hydrogen (with the proviso that R<sub>X</sub> and R<sub>Y</sub> are not both hydrogen) and straight, branched, or cyclic alkyl groups having from 1 to 6 carbon atoms, which alkyl groups may contain one or more double or triple bonds.

23. (Cancelled).

24. (Original) A compound or salt according to Claim 1 wherein, in a standard in vitro CRF receptor binding assay the compound exhibits an IC<sub>50</sub> value less than or equal to 1 micromolar.

25. (Original) A compound or salt according to Claim 1 wherein, in a standard in vitro CRF receptor binding assay the compound exhibits an IC<sub>50</sub> value less than or equal to 100 nanomolar.

26. (Original) A compound or salt according to Claim 1 wherein, in a standard in vitro CRF receptor binding assay the compound exhibits an IC<sub>50</sub> value less than or equal to 10 nanomolar.

27-29. (Cancelled).

30. (Original) A compound or salt according to Claim 1, wherein in a standard in vitro Na channel functional assay the compound does not show any statistically significant activity at the  $p < 0.05$  level of significance.

31-34. (Cancelled).

35. (Original) A pharmaceutical composition comprising a pharmaceutically acceptable carrier and a compound or salt of Claim 1.

36-38. (Cancelled).

39. (Withdrawn) A compound according to Claim 1, which is [2-(2,4-dimethoxyphenyl)-4-methoxy-6-methylpyrimidin-5-yl]dipropylamine.

40. (Withdrawn) A compound according to Claim 1, which is [2-(2-chlorophenyl)-4-methoxy-6-methylpyrimidin -5-yl]dipropylamine.

41. (Withdrawn) A compound according to Claim 1, which is [2-(2,4-dichlorophenyl)-4-methoxy-6-methylpyrimidin -5-yl]dipropylamine.

42. (Withdrawn) A compound according to Claim 1, which is [2-(2-methoxy-4-chlorophenyl)-4-methoxy-6-methylpyrimidin -5-yl]dipropylamine.

43. (Withdrawn) A compound according to Claim 1, which is [2-(2-methoxy-4-isopropylphenyl)-4-methoxy-6-methylpyrimidin -5-yl]dipropylamine.

44. (Withdrawn) A compound according to Claim 1, which is [2-(2,4-dimethoxyphenyl)-4-methoxy-6-methyl pyrimidin-5-yl] dipropylamine.

45. (Withdrawn) A compound according to Claim 1, which is [4-methoxy-2-(6-methoxy-2,4-dimethylphenyl)-6-methylpyrimidin-5-yl]dipropylamine.

46. (Withdrawn) A compound according to Claim 1, which is [2-(2-methoxy-4,6-dimethylphenyl)-4-methoxy-6-ethyl pyrimidin-5-yl] dipropylamine.
47. (Withdrawn) A compound according to Claim 1, which is [2-(2,4,6-trimethylphenyl)-4-methoxy-6-methyl pyrimidin-5-yl] dipropylamine.
48. (Withdrawn) A compound according to Claim 1, which is [2-(2,4,6-trimethylphenyl)-4-methoxy-6-ethyl pyrimidin-5-yl] dipropylamine.
49. (Withdrawn) A compound according to Claim 1, which is [2-(2-methoxy-4,6-dimethylphenyl)-4-ethoxy-6-methyl pyrimidin-5-yl] dipropylamine.
50. (Withdrawn) A compound according to Claim 1, which is [2-(2-methoxy-4,6-dimethylphenyl)-4-(2-fluoroethoxy)-6-methyl pyrimidin-5-yl] dipropylamine.
51. (Withdrawn) A compound according to Claim 1, which is [2-(2-methoxy-4,6-dimethylphenyl)-4-isopropoxy-6-methyl pyrimidin-5-yl] dipropylamine.
52. (Withdrawn) A compound according to Claim 1, which is [2-(2-methoxy-4,6-dimethylphenyl)-4-methoxy-6-fluoromethyl pyrimidin-5-yl] dipropylamine.
53. (Withdrawn) A compound according to Claim 1, which is [2-(2-methoxy-4,6-dimethylphenyl)-4-methoxy-6-difluoromethyl pyrimidin-5-yl] dipropylamine.
54. (Withdrawn) A compound according to Claim 1, which is 1-[5-(dipropylamino)-6-methoxy-2-(2-methoxy-4,6-dimethylphenyl)-pyrimidin-4-yl]-ethan-1-ol.
55. (Withdrawn) A compound according to Claim 1, which is 1-[5-(dipropylamino)-6-methoxy-2-(2-methoxy-4,6-dimethylphenyl)-pyrimidin-4-yl]-propan-2-ol.

56. (Withdrawn) A compound according to Claim 1, which is [4-(2-Cyclopropyl-2-fluoro-ethyl)-6-methoxy-2-(2-methoxy-4,6-dimethyl-phenyl)-pyrimidin-5-yl]-dipropyl-amine.
57. (Withdrawn) A compound according to Claim 1, which is [4-(2-Cyclopropyl-2-hydroxy-ethyl)-6-methoxy-2-(2-methoxy-4,6-dimethyl-phenyl)-pyrimidin-5-yl]-dipropyl-amine.
58. (Withdrawn) A compound according to Claim 1, which is 1-[5-Dipropylamino-6-methoxy-2-(2-methoxy-4,6-dimethyl-phenyl)-pyrimidin-4-ylmethyl]-cyclobutanol.
59. (Withdrawn) A compound according to Claim 1, which is (Cyclopropylmethyl)[4-methoxy-2-(6-methoxy-2,4-dimethylphenyl)-6-methylpyrimidin-5-yl]propylamine.
60. (Withdrawn) A compound according to Claim 1, which is Cyclopropylmethyl-[2-(2-ethoxy-4,6-dimethylphenyl)-4-methoxy-6-methyl pyrimidin-5-yl] propyl-amine.
61. (Withdrawn) A compound according to Claim 1, which is Cyclopropylmethyl[2-(2-propoxy-4,6-dimethylphenyl)-4-methoxy-6-methylpyrimidin-5-yl] dipropylamine.
62. (Withdrawn) A compound according to Claim 1, which is Cyclopropylmethyl[2-(2-isopropoxy-4,6-dimethylphenyl)-4-methoxy-6-methylpyrimidin-5-yl] dipropylamine.

63. (Withdrawn) A compound according to Claim 1, which is  
Cyclopropylmethyl[2-(2-ethoxymethoxy-4,6-dimethylphenyl)-4-methoxy-6-  
methylpyrimidin-5-yl] dipropylamine.

64. (Withdrawn) A compound according to Claim 1, which is [2-  
(dimethylamino)ethyl](cyclopropylmethyl)[6-methoxy-2-(6-methoxy-2,4-dimethylphenyl)-  
4-methylpyrimidin-5-yl]amine.

65-66. (Cancelled).

67. (Withdrawn) Cyclopropylmethyl-(2-methoxy-ethyl)-[4-methoxy-2-(2-  
methoxy-4,6-dimethyl-phenyl)-6-methyl-pyrimidin-5-yl]-amine.

68. (Cancelled).